

# Appendix 9

## APPROACH C-TABLES

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Aims to enhance economic and social values by increasing sustained timber yield whilst also seeking to enhance protection of environment and heritage values.

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**Table 9.1**  
**Biodiversity Values**  
**Reservation Analysis**

**Approach C**

Forest Ecosystem	Estimated pre 1750 area ha	Present area on all lands ha	CAR Reserve System under this Approach <sup>1</sup>			
			Possible New Reserves ha	Total area reserved under this approach <sup>2</sup> ha		Level of reservation under this approach <sup>2&amp;3</sup> %
* Bullich and Yate	2,800	2,440	0 to 0	2,176 to 2,176	89.2% to 89.2%	
Darling Scarp <sup>++</sup>	29,000	9,938	1,841 to 1,851	3,129 to 3,139	10.8% to 10.8%	
Jarrah Blackwood <sup>++</sup>	347,200	281,805	773 to 3,144	32,898 to 38,575	9.5% to 11.1%	
Jarrah Leeuwin <sup>++</sup>	56,400	19,552	5,680 to 6,172	8,463 to 8,738	15.0% to 15.5%	
Jarrah Mt Lindesay <sup>++</sup>	126,600	44,597	396 to 3,550	11,497 to 14,517	9.1% to 11.5%	
Jarrah North East <sup>++</sup>	717,100	350,239	9,391 to 10,905	91,972 to 93,337	12.8% to 13.0%	
Jarrah North West <sup>++</sup>	670,600	499,598	2,014 to 2,755	81,449 to 82,181	12.1% to 12.3%	
* Jarrah Rate's Tingle	1,500	1,246	0 to 0	970 to 970	77.9% to 77.9%	
* Jarrah Red Tingle	350	269	0 to 0	215 to 215	80.0% to 80.0%	
Jarrah Sandy <sup>++</sup>	107,900	71,092	263 to 270	24,647 to 24,653	22.8% to 22.8%	
Jarrah South <sup>++</sup>	557,300	438,912	6,768 to 6,780	132,626 to 133,073	23.8% to 23.9%	
Jarrah Unicap <sup>++</sup>	81,000	29,459	0 to 0	12,097 to 14,501	14.9% to 17.9%	
Jarrah Woodland	106,374	67,221	1,776 to 2,069	37,863 to 37,929	35.6% to 35.7%	
Jarrah Yellow Tingle <sup>++</sup>	11,600	9,669	35 to 35	2,925 to 2,925	25.2% to 25.2%	
Karri Main Belt <sup>++</sup>	193,000	163,905	6 to 6	53,736 to 53,750	27.8% to 27.8%	
* Karri Rate's Tingle	1,100	860	0 to 0	736 to 736	85.6% to 85.6%	
Karri Red Tingle	7,200	5,860	0 to 0	5,013 to 5,013	69.6% to 69.6%	
Karri West Coast <sup>++</sup>	14,500	6,274	132 to 222	4,384 to 4,472	30.2% to 30.8%	
Karri Yellow Tingle <sup>++</sup>	15,800	13,264	4 to 4	3,562 to 3,562	22.5% to 22.5%	
Peppermint/coastal heath	80,100	70,826	0 to 0	57,699 to 57,699	72.0% to 72.0%	
Rocky outcrops	26,400	12,444	837 to 873	8,875 to 8,964	33.6% to 34.0%	
Sand dunes	10,300	10,342	0 to 0	10,030 to 10,030	97.4% to 97.4%	
Shrub/herb/sedgeland	429,900	296,950	5,309 to 8,910	225,103 to 226,145	52.4% to 52.6%	
Swamps	15,300	8,069	26 to 32	6,062 to 6,125	39.6% to 40.0%	
West'n Wandoo forest <sup>++</sup>	363,200	146,597	4,194 to 4,362	51,654 to 52,000	14.2% to 14.3%	
West'n Wandoo woodland <sup>++</sup>	163,000	72,078	5,156 to 6,239	30,359 to 31,357	18.6% to 19.2%	
<b>TOTAL<sup>8</sup></b>	<b>4,135,524</b>	<b>2,633,506</b>	<b>43,543 to 57,385</b>	<b>905,731 to 911,191</b>	<b>21.9% to 22.0%</b>	

\* Rare forest ecosystem with a 100% reservation target. All other forest ecosystems have a reservation target of 15%.

++ Ecosystems currently significant for commercial timber yield

1 Expressed as a range reflecting variations in approach to reserve design.

2 Includes only accredited informal reserves.

3 Represents the percentage of this reserve type measured against 'Present area on all lands' for rare ecosystems and against 'Estimated pre-1750 area' for all other ecosystems.

4 As measured against the quantitative JANIS targets without taking into account the scientific, economic & social flexibility provisions.

5 For a discussion of lands contained within this category please

6 Crown lands vested in Commonwealth and Western Australian Governments.

7 Privately owned land, including freehold land owned by Government agencies.

8 Minimum and Maximum Total figures shown are sums of complete approaches, rather than sums of the columns above.

**Table 9.1 (cont.)  
Biodiversity Values  
Reservation Analysis**

**Approach C**

Deficit / Excess ha <sup>2&amp;4</sup>	Area Outside CAR Reserve <sup>1</sup>		
	Non-accredited informal reserves <sup>5</sup> ha	Other Public Land <sup>6</sup> ha	Freehold land <sup>7</sup> ha
-264 to -264	1 to 1	2 to 2	261 to 261
-1,221 to -1,211	44 to 47	287 to 295	6,468 to 6,468
-19,182 to -13,505	19,062 to 19,594	211,152 to 216,297	13,016 to 13,016
3 to 278	4 to 41	1,573 to 1,811	9,237 to 9,237
-7,493 to -4,473	276 to 348	15,498 to 18,446	14,306 to 14,306
-15,593 to -14,228	9,633 to 9,650	168,298 to 169,646	78,971 to 78,971
-19,141 to -18,409	22,904 to 22,998	343,902 to 344,539	50,611 to 50,611
-275 to -275	2 to 2	96 to 96	177 to 177
-54 to -54	0 to 0	13 to 13	40 to 40
8,462 to 8,468	2,361 to 2,362	39,001 to 39,007	5,077 to 5,077
49,031 to 49,478	24,509 to 24,638	262,149 to 262,726	19,052 to 19,052
-53 to 2,351	34 to 139	2,830 to 5,129	12,093 to 12,093
21,907 to 21,973	17,392 to 17,514	1,388 to 1,576	10,390 to 10,390
1,185 to 1,185	458 to 458	5,067 to 5,067	1,219 to 1,219
24,786 to 24,800	16,491 to 16,492	83,664 to 83,677	10,000 to 10,000
-124 to -124	0 to 0	0 to 0	124 to 124
3,933 to 3,933	4 to 4	89 to 89	755 to 755
2,209 to 2,297	29 to 33	273 to 358	1,500 to 1,500
1,192 to 1,192	943 to 943	7,336 to 7,336	1,423 to 1,423
45,684 to 45,684	2 to 2	2,678 to 2,678	10,447 to 10,447
4,915 to 5,004	3,250 to 3,360	273 to 294	-63 to -63
8,485 to 8,485	4 to 4	307 to 307	0 to 0
160,618 to 161,660	24,686 to 24,831	9,832 to 11,018	36,143 to 36,143
3,767 to 3,830	346 to 409	183 to 183	1,415 to 1,415
-2,826 to -2,480	4,948 to 4,978	49,298 to 49,614	40,351 to 40,351
5,909 to 6,907	2,285 to 2,379	18,069 to 18,972	20,367 to 20,367
281,451 to 286,911	150,115 to 150,781	1,228,819 to 1,233,616	343,379 to 343,379

**Table 9.2**  
**Old-growth**  
**Reservation Analysis**

**Approach C**

Old-growth by forest ecosystem	Present area on all lands ha	CAR Reserve System under this Approach <sup>1</sup>					
		Possible New Reserves ha		Total area reserved under this approach <sup>2</sup> ha		Level of reservation under this approach <sup>2&amp;3</sup> %	
Jarrah Blackwood <sup>++</sup>	48,496	266 to	1,540	13,591 to	14,767	28.0% to	30.4%
* Jarrah Leeuwin <sup>++</sup>	477	64 to	103	422 to	460	88.4% to	96.6%
Jarrah Mt Lindesay <sup>++</sup>	14,005	389 to	2,863	7,216 to	9,579	51.5% to	68.4%
* Jarrah North East <sup>++</sup>	11,595	8 to	1,178	4,445 to	5,563	38.3% to	48.0%
* Jarrah North West <sup>++</sup>	7,923	6 to	6	6,631 to	6,631	83.7% to	83.7%
* Jarrah Rate's Tingle	1,021	0 to	0	924 to	924	90.5% to	90.5%
* Jarrah Red Tingle	214	0 to	0	205 to	205	95.9% to	95.9%
* Jarrah Sandy <sup>++</sup>	2,171	0 to	0	2,149 to	2,149	99.0% to	99.0%
Jarrah South <sup>++</sup>	160,667	5,701 to	5,703	83,609 to	87,102	52.0% to	54.2%
Jarrah Unicap <sup>++</sup>	4,739	0 to	0	2,628 to	3,828	55.5% to	80.8%
Jarrah Woodland	13,235	70 to	81	10,306 to	10,367	77.9% to	78.3%
Jarrah Yellow Tingle <sup>++</sup>	7,249	35 to	35	2,661 to	2,661	36.7% to	36.7%
Karri Main Belt <sup>++</sup>	53,576	6 to	6	32,026 to	32,026	59.8% to	59.8%
* Karri Rate's Tingle	674	0 to	0	674 to	674	100.0% to	100.0%
Karri Red Tingle	3,283	0 to	0	3,202 to	3,202	97.5% to	97.5%
* Karri West Coast <sup>++</sup>	492	1 to	1	492 to	492	100.0% to	100.0%
Karri Yellow Tingle <sup>++</sup>	6,969	4 to	4	2,792 to	2,792	40.1% to	40.1%
* West'n Wandoo forest <sup>++</sup>	7,865	1 to	92	5,695 to	5,712	72.4% to	72.6%
* West'n Wandoo woodland <sup>++</sup>	3,013	7 to	620	1,648 to	2,247	54.7% to	74.6%
<b>TOTAL<sup>8</sup></b>	<b>347,663</b>	<b>6,599 to</b>	<b>12,190</b>	<b>182,571 to</b>	<b>190,125</b>	<b>52.5% to</b>	<b>54.7%</b>

\* Rare forest ecosystem with a 100% reservation target. All other forest ecosystems have a reservation target of 15%.

++ Ecosystems currently significant for commercial timber yield

1 Expressed as a range reflecting variations in approach to reserve design.

2 Includes only accredited informal reserves.

3 Represents the percentage of this reserve type measured against 'Present area on all lands' for rare ecosystems and against 'Estimated pre-1750 area' for all other ecosystems.

4 As measured against the quantitative JANIS targets without taking into account the scientific, economic & social flexibility provisions.

5 For a discussion of lands contained within this category please

6 Crown lands vested in Commonwealth and Western Australian Governments.

7 Privately owned land, including freehold land owned by Government agencies.

8 Minimum and Maximum Total figures shown are sums of complete approaches, rather than sums of the columns above.

**Table 9.2 (cont.)**

**Old-growth**

**Approach C**

**Reservation Analysis**

Deficit / Excess ha <sup>2&amp;4</sup>	Area Outside CAR Reserve <sup>1</sup>		
	Non-accredited informal reserves <sup>5</sup> ha	Other Public Land <sup>6</sup> ha	Freehold land <sup>7</sup> ha
-15,507 to -14,331	2,547 to 2,589	31,183 to 32,317	0 to 0
-55 to -16	0 to 0	16 to 55	0 to 0
-1,187 to 1,176	82 to 144	4,344 to 6,644	0 to 0
-7,150 to -6,032	446 to 492	5,560 to 6,631	26 to 26
-1,292 to -1,292	76 to 76	1,216 to 1,216	0 to 0
-97 to -97	2 to 2	94 to 94	0 to 0
-9 to -9	0 to 0	8 to 8	0 to 0
-23 to -23	0 to 0	23 to 23	0 to 0
-12,791 to -9,299	6,453 to 6,702	67,112 to 70,356	0 to 0
-215 to 985	11 to 91	625 to 1,744	275 to 275
2,365 to 2,426	2,635 to 2,697	217 to 219	14 to 14
-1,689 to -1,689	347 to 347	4,241 to 4,241	0 to 0
-119 to -119	6,916 to 6,916	14,634 to 14,634	0 to 0
0 to 0	0 to 0	0 to 0	0 to 0
1,233 to 1,233	4 to 4	77 to 77	0 to 0
0 to 0	0 to 0	0 to 0	0 to 0
-1,390 to -1,390	592 to 592	3,585 to 3,585	0 to 0
-2,170 to -2,153	304 to 309	1,841 to 1,853	8 to 8
-1,364 to -766	125 to 182	618 to 1,159	23 to 23
-40,203 to -32,650	20,625 to 21,060	136567 to 143684	345.92 to 346.41

**Table 9.3**

**Reservation Analysis of Indicative Areas of National Estate Values**

**Approach C**

National Estate Value <sup>1</sup>	Extant area ha	CAR Reserve System under this Approach <sup>2</sup>				Area Outside CAR Reserve <sup>2</sup>					
		Possible New Reserves ha		Total area reserved ha		Total area reserved %		Non-accredited informal reserves <sup>3</sup> ha		Other Public Land <sup>4</sup> ha	
<i>Criterion A.1</i>											
Centres of disjunct flora	42,730	613 to	1,598	35,425 to	36,433	82.9% to	85.3%	738 to	741	5,559 to	6,564
Centres of flora endemism	101,137	7,539 to	9,959	78,893 to	81,520	78.0% to	80.6%	2,415 to	2,592	17,203 to	19,652
Centres of relictual flora	84,558	0 to	1,370	72,017 to	73,335	85.2% to	86.7%	1,569 to	1,579	9,655 to	10,963
Refugia	71,138	1,072 to	2,288	63,021 to	64,901	88.6% to	91.2%	1,660 to	1,806	4,570 to	6,303
<i>Criterion A.2</i>											
Aggregations of old-growth forest	178,977	2,550 to	5,173	105,300 to	110,060	58.8% to	61.5%	7,722 to	8,107	61,195 to	65,569
Contemporary fauna refuges	13	0 to	0	11 to	12	88.5% to	92.3%	0 to	0	0 to	0
Wetlands of national significance	48,146	73 to	94	31,326 to	31,547	65.1% to	65.5%	663 to	758	1,046 to	1,172
<i>Criterion A.3</i>											
Flora species richness	123,102	8,800 to	9,972	93,238 to	94,269	75.7% to	76.6%	3,493 to	3,581	25,272 to	26,214
Vegetation community diversity	6,982	1,278 to	1,278	5,247 to	5,247	75.2% to	75.2%	136 to	136	1,598 to	1,598
<i>Criterion B.1</i>											
Natural landscapes	559,970	8,386 to	16,274	434,689 to	442,978	77.6% to	79.1%	15,679 to	16,359	96,821 to	104,431

1 Some national estate values presented in this table, such as refugia and centres of flora endemism, are derived from similarly named biodiversity values listed in Table 7.4.

In these cases national estate values represent subsets of the total areas which have been identified through the application of thresholds for condition and integrity

In most instances the application of thresholds for indicative national estate significance has involved the identification of these values within natural landscapes

of 40 hectares or larger. For a detailed explanation of thresholds for indicative national estate values, see the separate report National Estate Identification and Assessment in the South-West Forest Region of Western Australia.

2 Expressed as a range reflecting variations in approach to reserve design.

3 For a discussion of lands contained within this category please see Section 4.3.2.

4 Crown lands vested in Commonwealth and Western Australian Governments.

**Table 9.4**

**Biodiversity Reservation Analysis - Flora Values**

**Approach C**

Flora Value	Present area on all lands ha	CAR Reserve System under this Approach <sup>1</sup>				Area Outside CAR Reserve <sup>1</sup>					
		Possible New Reserves ha		Total area reserved under this approach <sup>2</sup> ha & % <sup>3</sup>		Non-accredited informal reserves <sup>4</sup> ha		Other Public Land <sup>5</sup> ha		Freehold land <sup>6</sup> ha	
<p><b>Flora Disjunctiveness</b> Areas with concentrations of disjunct species (those with populations separated by a substantial geographic distance from other populations, such that they are unlikely to interbreed) two standard deviations or more above the mean for the region.</p>	116,283	1,860 to	2,988	47,080 to	48,260	4,245 to	4,249	40,820 to	42,004	22,954 to	22,954
<p><b>Flora Endemism</b> Areas where the level of endemism is two or more standard deviations above the mean for the region.</p>	221,879	11,058 to	14,629	100,937 to	103,922	7,897 to	8,094	66,801 to	69,589	43,259 to	43,259
<p><b>Relictual Flora</b> Areas with concentrations of relictual species (those of phylogenetic interest for primitive or relictual characteristics) two standard deviations or more above the mean for the region.</p>	151,981	245 to	2,406	81,320 to	83,440	6,905 to	6,930	47,340 to	49,435	14,296 to	14,296
<p><b>Flora Species Richness</b> Areas of flora species richness (from a richness prediction map generated from site records and the distribution maps from species habitat models) two or more standard deviations above the mean for the region.</p>	211,437	13,565 to	15,670	110,859 to	111,363	10,746 to	10,768	80,107 to	80,589	9,220 to	9,220

1 Expressed as a range reflecting variations in approach to reserve design

2 Includes only accredited informal reserves

3 Represents total area reserved as a percentage of "present area on all lands"

4 For a discussion of lands contained within this category please see Section 4.3.2

5 Crown lands vested in Commonwealth and Western Australian Governments

6 Privately owned land, including freehold land owned by Government agencies

**Table 9.5**

**Indicative Impact Analysis - Native Forest Timber Industry**

**Approach C**

For each Region	Area available for timber production ha	TIMBER YIELD			Gross Value of wood products at Mill Gate \$/yr
		Karri Sawlog Grade 1&2 m <sup>3</sup> /yr	Jarrah Sawlog Grade 1&2 <sup>1</sup> m <sup>3</sup> /yr	Chiplog and charlog m <sup>3</sup> /yr	
<b>Swan</b>					
Range under this approach	328,003 to 328,535	0 to 0	208,675 to 208,704	28,922 to 28,926	\$58,376,013 to \$58,384,292
% of current	104.8% to 105.0%	0.0% to 0.0%	103.3% to 103.3%	103.3% to 103.3%	103.3% to 103.3%
Deficit/Addition	15,120 to 15,652	0 to 0	6,675 to 6,704	925 to 929	\$1,867,247 to \$1,875,526
<b>Central Forest</b>					
Range under this approach	495,450 to 499,256	0 to 0	223,565 to 223,969	68,254 to 68,378	\$65,086,966 to \$65,204,571
% of current	98.7% to 99.5%	0.0% to 0.0%	98.9% to 99.1%	98.9% to 99.1%	98.9% to 99.1%
Deficit/Addition	-6,328 to -2,522	0 to 0	-2,435 to -2,031	-744 to -620	-\$708,864 to -\$591,259
<b>Southern Forest</b>					
Range under this approach	346,011 to 348,587	211,141 to 211,212	63,624 to 64,015	628,490 to 628,700	\$116,378,890 to \$116,517,503
% of current	102.2% to 102.9%	98.7% to 98.7%	102.6% to 103.2%	98.7% to 98.7%	99.2% to 99.3%
Deficit/Addition	7,309 to 9,885	-2,859 to -2,788	1,624 to 2,015	-8,510 to -8,300	-\$903,850 to -\$765,237
<b>TOTAL<sup>2</sup></b>					
Range under this approach	1,169,996 to 1,175,846	211,141 to 211,212	496,255 to 496,298	725,795 to 725,877	\$239,967,753 to \$239,980,482
% of current	102.0% to 102.4%	98.7% to 98.7%	101.7% to 101.8%	100.3% to 100.4%	100.5% to 100.5%
Deficit/Addition	16,633 to 22,483	-2,859 to -2,788	6,255 to 6,298	-8,200 to -8,118	\$380,417 to \$393,146

1 The level of cut for jarrah is currently 490,000 m3 pa for the next 6 years - to the year 2004. The analysis uses the forecast drop in resource of 38% to 300,000m3 for jarrah sawlogs using the resource base of the current management plan. From 2004 the % of current' applies to 300,000m3 per annum.

2 Minimum and maximum total figures shown are sums of complete approaches, rather than sums of the columns above.

**Table 9.6**  
**Indicative Impact Analysis**  
**Private Sector Native Forest Timber Industry**  
**Related Employment**

**Approach C**

	Private Sector	
	Indicative Direct Employment <sup>1</sup>	Indicative Indirect Employment <sup>2</sup>
Current situation	2,440	2,928
Range under this approach	2,445 to 2,446	2,934 to 2,935
Range of Indicative Impacts**	5 to 5	6 to 6

\*\* The increase in width of fourth order stream reserves from 150 metres to 200 metres and other areas deemed to be informal reserves for accreditation purposes results in a decrease in the area of forest available for native forest timber production and reflects a reduction against the current situation of 17 direct jobs and 20 indirect jobs. This reduction is included in the employment impacts outlined above.

1 Direct employment in this analysis covers employment from the forest to the first point of sale. It includes private sector employment in logging and haulage, sawmilling, resawing and dressing, woodchip milling and charcoal manufacturing. Public sector employment impacts are shown at Box 4.2.

2 In the absence of any multiplier directly mirroring the industry, a multiplier of 2.2 was used to calculate indirect employment impacts. That is, for every 10 direct jobs lost because of reserve changes, an additional 12 jobs are lost in the wider community.

**Table 9.7**  
**Reservation Analysis - Significance for Native Forest Timber Values**  
**on CALM Managed Land**

**Approach C**

Significance for timber values <sup>3</sup>	Total area on CALM managed land ha	CAR Reserve System under this Approach					Non-accredited Informal <sup>4</sup> Reserves Ha	Range of State forest area available for production <sup>4&amp;6</sup> ha
		Existing Reserved Areas <sup>1&amp;2</sup>			Possible New Reserves <sup>4</sup> ha	Total <sup>4&amp;5</sup> ha		
		Formal (gazetted) %	Formal (proposed) <sup>4</sup> %	Informal <sup>4</sup> (accredited) %				
High	283,031	25.8%	8.8% to 8.8%	4.5% to 4.5%	573 to 2,231	111,282 to 112,766	12,601 To 12,617	157,665 to 159,132
Medium High	555,760	16.5%	14.4% to 14.7%	3.4% to 3.4%	2,911 to 4,542	195,138 to 195,349	24,236 To 24,268	336,174 to 336,353
Moderate	233,305	2.7%	8.4% to 8.8%	2.4% to 2.4%	1,119 to 3,875	33,530 to 35,314	9,083 To 9,123	188,869 to 190,693
Medium Low	176,574	7.9%	17.9% to 21.9%	2.1% to 2.2%	1,863 to 2,333	51,706 to 58,219	6,412 To 6,573	111,942 to 118,294
Low	577,500	10.0%	7.8% to 8.5%	6.4% to 6.4%	1,358 to 2,807	142,545 to 145,715	59,911 To 60,114	371,876 to 374,844

1 Represents the percentage of this reserve type measured against 'Total area on CALM managed lands'

2 For a discussion of lands contained within this category please see Section 4.3.2

3 Relates to sustained yield over the next 40 years. These values should not be interpreted as depicting current standing gross bole timber value. The values (high to low) depict the potential contribution of the areas to the scheduled woodflow and were derived on the basis of species, site potential, silvicultural history, timber inventory and disease status.

4 Expressed as a range reflecting variations in approach to reserve design

5 Includes only accredited informal reserves.

6 Excludes non-accredited informal reserves

**Table 9.8**

**Reservation Analysis – Mineral Values**

**Approach C**

Areas covered by:	Total new reserves under this approach <sup>1</sup> ha	
<i>Agreement Act Leases</i> <sup>2</sup>	41,849	to 42,317
<i>Mining tenements, leases and licences</i> <sup>3</sup>		
Pending	15,500	to 18,982
Granted	31,875	to 33,963

1 Expressed as a range reflecting variations in approach to reserve design. Includes new reserves proposed under this approach and reserves proposed under the Forest management Plan 1994-2003, less those designated to remain as State forest under this approach.

2 Where the creation of new reserves in these tenements is to be avoided, discussions will be held with affected Companies to ensure that any changes to their statutory property rights will only proceed with their agreement. to ensure that any changes to their statutory property rights will only proceed with their agreement.

Mineral Potential <sup>2</sup>	Total new reserves under this approach <sup>1</sup> ha	
<b>High</b> areas with a WMP score greater than 90 having moderate to high potential for major deposits. eg gold, bauxite	167,673	to 168,099
<b>Medium</b> areas with a WMP score of 72-90 having moderate to high potential for significant deposits. eg Greenbushes rare metal deposits	13,797	to 15,855
<b>Low</b> areas with a WMP score of less than 72 having low to moderate potential for deposits of lesser economic significance eg industrial minerals.	151,426	to 153,010

1 Expressed as a range reflecting variations in approach to reserve design. Includes new reserves proposed under this approach and reserves proposed under the Forest management Plan 1994-2003, less those designated to remain as State forest under this approach.

2 Weighted mineral potential (WMP) is an estimate of mineral potential which makes some Allowance for relative economic significance:

	Total new reserves under this approach <sup>1</sup> ha	
<b>Identified mineral resources</b> <sup>2</sup>	3,456	to 3,487

1 Expressed as a range reflecting variations in approach to reserve design. Includes new reserves proposed under this approach and reserves proposed under the Forest management Plan 1994-2003, less those designated to remain as State forest under this approach.

2 Mineral resources in the ground, identified, demonstrated and often quantified on the basis of past exploration and mining activities. This data is drawn on to develop further exploration and mining proposals.